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0070774

06-AMCP-0279

SEP 05 2006

Mr. Nicholas Ceto, Program Manager  
Office of Environmental Cleanup  
Hanford Project Office  
U.S. Environmental Protection Agency  
309 Bradley Boulevard, Suite 115  
Richland, Washington 99352

RECEIVED  
SEP 25 2006  
EDMC

Dear Mr. Ceto:

TRANSMITTAL OF SAMPLING AND ANALYSIS PLAN FOR ADDITIONAL REMEDIAL  
INVESTIGATION ACTIVITIES AT THE 216-A-4 CRIB AND THE 200-E-102 TRENCH

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This letter transmits the Sampling and Analysis Plan for Additional Remedial Investigation Activities at the 216-A-4 Crib and the 200-E-102 Trench, DOE/RL-2006-47, Draft A, for your review.

This document presents the sampling and analysis plan (SAP for drilling a borehole at the 216-A-4 Crib and for installing a direct push hole at the 200-E-102 Trench to obtain soil samples and geophysical logging information. This information will augment existing information previously collected under the approved 200-MW-1 Miscellaneous Waste Group Operable Unit RI/FS Work Plan, DOE/RL-2001-65, Revision 0, and will fulfill the remedial investigation activities required by that work plan. This information will also support the development of the feasibility study and proposed plan for the 200-MW-1 Operable Unit, in accordance with existing Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone M-015-44B. The need for this SAP and issues related to data gathering at the 216-A-4 Crib area south of the Plutonium-Uranium Extraction Plant (PUREX) have led to the identification of a high conductivity area, potentially attributable to the waste discharges at the crib. The activities identified in the attached SAP will provide valuable data on the nature and vertical extent of the conductivity anomaly. Future additional data collection may be needed to further define the extent of the high conductivity and to validate the HRR survey results. Based on discussions with the Environmental Protection Agency (EPA), the attached SAP can be revised at a later date to include additional data collection, as determined through a collaborative assessment of data needs with Fluor Hanford, Inc (FHI), RL, and EPA.

Review and approval of the attached SAP is requested as soon as possible to enable drilling activities to proceed in the field at the earliest possible time.

Mr. Nicholas Ceto  
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If you have questions, please contact me, or your staff may contact Larry Romine, on  
(509) 376-4747.

Sincerely,



Matthew S. McCormick, Assistant Manager  
for the Central Plateau

AMCP:FMR

Enclosure

cc w/Encl  
C. E. Cameron, EPA  
Administrative Record  
Environmental Portal